

CUSTOMER NO.: 24498
Serial No. 10/666,233
Reply to Office Action dated: 10/08/04
Amendment dated: February 1, 2005

PATENT
PF020119

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

Please amend the claims as follows:

1. (Currently Amended) An adjustable satellite antenna holder comprising
 - a first base member,
 - a first coarsely adjustable support member pivotable about a first axis with respect to the first base member,
 - a first finely adjustable support member pivotable about an axis parallel to said first axis with respect to the first coarsely adjustable support member,
 - ~~- wherein said first coarsely adjustable support member is coupled to said first finely adjustable support member by an adjusting actuator~~
 - a second base member,
 - a second coarsely adjustable support member pivotable about a second axis with respect to a second base member,
 - a second finely adjustable support member pivotable with respect to the second support member about an axis parallel to the second axis, wherein the first axis and the second axis are perpendicular and the first base member is rigidly coupled to the second finely adjustable support member.
2. (Cancelled)
3. (Cancelled)

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4. (Currently Amended) A satellite antenna holder according to claim 16 +, wherein the adjusting actuator, when not driven, locks said support members relative to each other.

5. (Currently Amended) A satellite antenna holder according to claim 16 +, wherein said actuator comprises a male threaded member mounted to one of said support members and a female threaded member mounted to the other support member and rotatably engaging the male threaded member.

6. (Previously Presented) A satellite antenna holder according to claim 5, wherein the male threaded member is rigidly held at said one support member and the female threaded member is coupled to said other support member by an element that is displaceable with respect to the other support member in a radial direction thereof.

7. (Previously Presented) A satellite antenna holder according to claim 5, wherein said one support member comprises guiding means with respect to which the male threaded member is displaceable in a radial direction of said one support member, and said other support member comprises guiding means for guiding the male threaded member in a circumferential direction, wherein both directions are defined with respect to the axis of the two support members.

8. (Currently Amended) A satellite antenna holder according to claim 16 +, wherein a male threaded member forming part of said actuator has a circumferential profile rotatably engaged with one of said support members and a shaft portion in axially displaceable engagement with said other support member.

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9. (Previously Presented) A satellite antenna holder according to claim 8, wherein said profile is a groove engaged with a circular cross section portion of said one support member.

10. (Previously Presented) A satellite antenna holder according to claim 8, wherein the male threaded member has a locking nut.

11. (Currently Amended) A satellite antenna holder according to claim 16 ~~3~~, wherein said actuator comprises two male threaded members mounted in threaded bores of one of said support members with tips of said male threaded members facing each other and a trunnion of said other support member extending between the tips.

12. (Previously Presented) A satellite antenna holder according to claim 11, wherein the pitch of at least one of said threaded members is such that one turn of the at least one member corresponds to a rotation of the finely adjustable support member of less than 0.5° and, preferably, at least 0.1° .

13. (Previously Presented) A satellite antenna holder according to claim 1, wherein at least one of said axes is defined by a shaft which pivotably couples at least two of said base member and support members.

14. (Previously Presented) A satellite antenna holder according to claim 13, wherein an eccentric lever is mounted on said shaft so as to pivot between a locking position in which it urges said members into frictional engagement and an unlocking position in which said frictional engagement is released.

15. (Previously Presented) A satellite antenna holder according to claim 1, wherein said first base member has a circular slot centered around its axis, and the coarsely adjustable support member that is pivotable around this axis has a threaded portion extending through this slot.

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16. (New) A satellite antenna holder according to claim 1, wherein said first coarsely adjustable support member is coupled to said first finely adjustable support member by an adjustable actuator.

17. (New) An adjustable satellite antenna holder comprising:

- a first base member,
- a means for adjusting in elevation said antenna comprising a first coarsely adjustable support member pivotable about a first axis with respect to a second support member and a first finely adjustable support member pivotable about said first axis with respect to the first coarsely adjustable support member and
- a means for adjusting in azimuth said antenna comprising a second coarsely adjustable support member pivotable about a second axis with respect to the base member and said second support member that is a second finely adjustable support member pivotable with respect to the first coarsely adjustable support member, about a third axis parallel to the second axis, the first axis being perpendicular to the second axis.

18. (New) A satellite antenna holder according to claim 17, wherein said first coarsely adjustable support member is coupled to said first finely adjustable support member by an adjusting actuator.

19. (New) A satellite antenna holder according to claim 18, wherein said actuator comprises a male threaded member mounted to one of said support members and a female threaded member mounted to the other support member and rotatably engaging the male threaded member.

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20. (New) A satellite antenna holder according to claim 19, wherein the male threaded member is rigidly held at said one support member and the female threaded member is coupled to said other support member by an element that is displaceable with respect to the other support member in a radial direction thereof.

21. (New) A satellite antenna holder according to claim 19, wherein said one support member comprises guiding means with respect to which the male threaded member is displaceable in a radial direction of said one support member, and said other support member comprises guiding means for guiding the male threaded member in a circumferential directions are defined with respect to the axis of the two support members.

22. (New) A satellite antenna holder according to claim 18, wherein said actuator comprises two male threaded member facing each other and a trunnion of said other support member extending between the tips.